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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

station;

1. (Original) A method of selecting at least one base station for communicating with a terminal in a wireless communication system, comprising the steps of:

storing an uplink candidate set listing at least one candidate uplink base station; storing a downlink candidate set listing at least one candidate downlink base

determining a predominant direction of traffic with respect to the terminal;

if the predominant direction of traffic is in an uplink direction, selecting at least one optimum base station from the uplink candidate set; and

if the predominant direction of traffic is in a downlink direction, selecting at least one optimum base station from the downlink candidate set.

2. (Original) The method of claim 1 wherein the step of storing an uplink candidate set comprises the steps of:

receiving a channel quality corresponding to a base station;

determining whether the channel quality corresponds to an uplink channel;

if the channel quality corresponds to an uplink channel, determining whether the base station is a candidate uplink base station;

if the base station is a candidate uplink base station, ensuring that the base station is present in the uplink candidate set; and

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if the base station is not a candidate uplink base station, ensuring that the base station is not present in the uplink candidate set.

- 3. (Original) The method of claim 2 wherein the step of determining whether the base station is a candidate uplink base station determines that the base station is a candidate uplink base station if the channel quality is above a threshold.
- 4. (Original) The method of claim 1 wherein the step of storing a downlink candidate set comprises the steps of:

receiving a channel quality corresponding to a base station;

determining whether the channel quality corresponds to a downlink channel;

if the channel quality corresponds to a downlink channel, determining whether the base station is a candidate downlink base station;

if the base station is a candidate downlink base station, ensuring that the base station is present in the downlink candidate set; and

if the base station is not a candidate downlink base station, ensuring that the base station is not present in the downlink candidate set.

- 5. (Original) The method of claim 4 wherein the step of determining whether the base station is a candidate downlink base station determines that the base station is a candidate downlink base station if the channel quality is above a threshold.
- 6. (Original) The method of claim 1 comprising the further step of transmitting an identity of the at least one optimum base station to the terminal.
- 7. (Original) The method of claim 1 wherein the step of selecting at least one optimum base station from the uplink candidate set comprises the steps of:

determining a current load of each base station in the uplink candidate set; and

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selecting from the uplink candidate set at least one optimum base station that has the lowest current load;

and wherein the step of selecting at least one optimum base station from the downlink candidate set comprises the steps of:

determining a current load of each base station in the downlink candidate set; and selecting from the downlink candidate set at least one optimum base station that has the lowest current load.

- 8. (Original) A base station controller adapted to carry out the method of claim 1.
- 9. (Original) An article of manufacture comprising a computer-readable storage medium, the computer-readable storage medium comprising instructions for:

storing an uplink candidate set listing at least one candidate uplink base station;
storing a downlink candidate set listing at least one candidate downlink base station;

determining a predominant direction of traffic with respect to a terminal;

if the predominant direction of traffic is in an uplink direction, selecting at least one optimum base station from the uplink candidate set; and

if the predominant direction of traffic is in a downlink direction, selecting at least one optimum base station from the downlink candidate set.

10. (Original) The article of manufacture of claim 9 wherein the instructions for storing an uplink candidate set comprise instructions for:

receiving a channel quality corresponding to a base station;

determining whether the channel quality corresponds to an uplink channel;

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if the channel quality corresponds to an uplink channel, determining whether the base station is a candidate uplink base station;

if the base station is a candidate uplink base station, ensuring that the base station is present in the uplink candidate set; and

if the base station is not a candidate uplink base station, ensuring that the base station is not present in the uplink candidate set.

- 11. (Original) The article of manufacture of claim 10 wherein the instructions for determining whether the base station is a candidate uplink base station determine that the base station is a candidate uplink base station if the channel quality is above a threshold.
- 12. (Original) The article of manufacture of claim 9 wherein the instructions for storing a downlink candidate set comprise instructions for:

receiving a channel quality corresponding to a base station;

determining whether the channel quality corresponds to a downlink channel;

if the channel quality corresponds to a downlink channel, determining whether the base station is a candidate downlink base station.

if the base station is a candidate downlink base station, ensuring that the base station is present in the downlink candidate set; and

if the base station is not a candidate downlink base station, ensuring that the base station is not present in the downlink candidate set.

- 13. (Original) The article of manufacture of claim 12 wherein the instructions for determining whether the base station is a candidate downlink base station determine that the base station is a candidate downlink base station if the channel quality is above a threshold.
- 14. (Original) The article of manufacture of claim 9 further comprising instructions for transmitting an identity of the at least one optimum base station to the terminal.

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15. (Original) The article of manufacture of claim 9 wherein the instructions for selecting at least one optimum base station from the uplink candidate set comprise instructions for:

determining a current load of each base station in the uplink candidate set; and selecting from the uplink candidate set at least one optimum base station that has the lowest current load;

and wherein the instructions for selecting at least one optimum base station from the downlink candidate set comprise instructions for:

determining a current load of each base station in the downlink candidate set; and selecting from the downlink candidate set at least one optimum base station that has the lowest current load.

- 16. (Cancelled)
- 17. (Cancelled)
- 18. (Cancelled)
- 19. (Cancelled)
- 20. (Cancelled)
- 21. (Cancelled)
- 22. (Cancelled)
- 23. (Cancelled)
- 24. (Cancelled)
- 25. (Cancelled)
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- 27. (Cancelled)
- 28. (Cancelled)
- 29. (Cancelled)
- 30. (Cancelled)